Reviewer’s report

Title: Factors Associated with Timing of Antenatal Clinic Attendance Among First-Time Mothers in Rural Southern Ghana.

Version: 2 Date: 10 Nov 2019

Reviewer: Kate Cheney

Reviewer's report:

Thank you to the authors for their extensive revision. I believe it is a better manuscript and shows your interesting findings in a better way.

It is always interesting to read about other countries and how they offer care, outcomes and the like.

Methods:

The republic of Ghana is located on the West African Coast and the study was conducted in two rural districts. (REMOVE -"of it. T")

Results

♣ Under table 1 - need to remove the words SD= Standard deviation

♣ Maybe consider changing the section (or not) - this way shows the findings related to your aim first, not lost between tables.

The study includes a total of 1,076 first-time mothers whose socio-demographic characteristics are presented in Table 1. The average gestational age at which the study participants initiated ANC visit was 3.4 months. The detailed distribution of gestational age of study participants at initiation of ANC attendance is shown in Figure 1. While most of the first-time mothers initiated ANC visit in the first trimester of gestation (57%), 39% and 4% initiated ANC visit in the second and third trimesters respectively"
The average age was 23 years. A higher proportion of the study participants (72%) were of the Ga-Dangme ethnic group and 93% were Christians. While 33% of study participants were students, 22% and 19% of them were unemployed and traders respectively. While 39% of the respondents had primary level of education, 33% and 12.0% were educated up to junior and senior high levels of education respectively. About 16% of the participants had no formal education. More than half of the study participants (64%) said they were never married.

You could probably remove (or not) this as it is in the table: "The average household size of the 1076 first-time mothers was 6.5. Majority of the study participants (53%) were from Ningo-and 47% from Shai-Osudoku District"

If you are not comparing the groups with the aim of this study being to examine the timing of initiation of antenatal care among first-time mothers and associated factors. Then I would remove this "There was a 4% reduced odds for first-time mothers who reside in Ningo-Prampram District compared to those in Shai-Osudoku District to initiate ANC in the first trimester (OR: 0.96, 95%CI:0.75-1.22)."

(Not sure what your word limit is)

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Unable to assess

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Not relevant to this manuscript
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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